



Black Bayou Culverts Hydrologic Restoration (CS-29)

Project Status

Approved Date: 2000 **Cost:** \$5.9 million
Project Area: 72,378 acres **Status:** Construction
Net Benefit After 20 Years: 540 acres
Project Type: Hydrologic Restoration

Location

The project features are located in southern Calcasieu Parish, Louisiana. The majority of the project area is located east of Calcasieu Lake and includes areas north of the Gulf Intracoastal Waterway and west of Grand Lake in Cameron Parish, Louisiana.

Problems

The marsh within this area has been suffering from excessive water levels within the lakes subbasin that kills vegetation, prevents growth of desirable annual plant species, and contributes to shoreline erosion. Black Bayou offers a unique location in the basin where the water in the lakes subbasin and the outer, tidal waters are separated by only a narrow highway corridor.

Restoration Strategy

Proposed project components include installing ten 10 foot by 10 foot concrete box culverts in Black Bayou at the intersection of Louisiana Highway 384. The structure discharge will be in addition to the discharges provided by Calcasieu Locks, Schooner Bayou, and Catfish Point water control structures.

Progress to Date

The Louisiana Coastal Wetlands Conservation and Restoration Task Force approved construction funding at their August 2003 meeting.

This project is on Priority Project List 9.



The installation of a water control structure in Black Bayou at its intersection with Louisiana Highway 384 will facilitate the flow of floodwater out of the basin while preventing salt water from entering the basin from the Calcasieu Lake.



The project would place ten 10 foot by 10 foot concrete box culverts with a discharge area of 1000 square feet under Louisiana Highway 384. Drainage from Black Bayou to the Calcasieu River was effectively blocked with the construction of this roadway.

For more project information ,please contact:



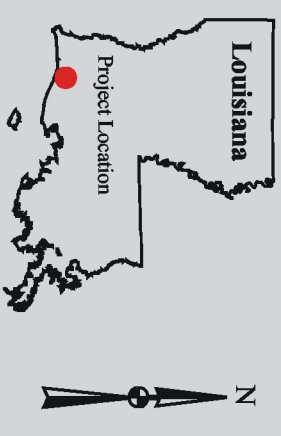
Federal Sponsor:
 Natural Resources Conservation Service
 Alexandria, LA
 (318) 473-7756



Local Sponsor:
 Louisiana Department of Natural Resources
 Baton Rouge, LA
 (225) 342-7308

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-  Culverts *
-  Project Boundary
- * denotes proposed feature



Map Produced By:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station

Background Imagery:
2002 Thematic Mapper Imagery
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